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(FILE 'HOME' ENTERED AT 11:02:48 ON 07 MAY 2003)

FILE 'MEDLINE, CAPLUS, BIOSIS, SCISEARCH' ENTERED AT 11:03:19 ON 07 MAY 2003

L1 38414 S (SCAVENGER OR ELIMINAT? OR NEUTRALIZ? OR REMOV?) (6A) (FREE(W)R  
L2 157564 S SUPEROXIDE(W)DISMUTASE OR METALLOTHIONEIN OR GLUTAMYL(2A)TRAN  
L3 9669 S L1 AND L2  
L4 5325 S L1(6A)L2  
L5 7671267 S PROTEIN OR POLYPEPTIDE OR DNA OR POLYNUCLEOTIDE OR NUCLEIC(W)  
L6 357 S L5(4A)L1  
L7 199 DUP REM L6 (158 DUPLICATES REMOVED)

=> d au ti so 150-199 l7

L7 ANSWER 150 OF 199 MEDLINE DUPLICATE 67  
AU Elias L; Moore P B; Rose S M  
TI Tumor necrosis factor induced DNA fragmentation of HL-60 cells.  
SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (1988 Dec 30) 157 (3) 963-9.  
Journal code: 0372516. ISSN: 0006-291X.

L7 ANSWER 151 OF 199 MEDLINE DUPLICATE 68  
AU Igumenov V L; Sharonov B P; Pasechnik V A  
TI [Aggregation of membrane proteins of E. coli cells after treatment with singlet oxygen].  
Agregatsiia membrannykh belkov kletok E. coli pri deistvii singletnogo kislороda.  
SO BIOKHIMIYA, (1988 Jun) 53 (6) 925-30.  
Journal code: 0372667. ISSN: 0320-9725.

L7 ANSWER 152 OF 199 MEDLINE DUPLICATE 69  
AU Sharonov B P; Govorova N Iu; Lyslova S N  
TI [Antioxidative properties and degradation of serum proteins by active oxygen forms (O2-., OCl-) generated by stimulated neutrophils].  
Antiokislitel'nye svoistva i degradatsiia belkov syvorotki aktivnymi formami kislороda (O2-., OCl-), generiruemyi stimulirovannymi neitrofilami.  
SO BIOKHIMIYA, (1988 May) 53 (5) 816-25.  
Journal code: 0372667. ISSN: 0320-9725.

L7 ANSWER 153 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
AU OGINO T; INOUE M; ANDO Y; AWAI M; MAEDA H; MORINO Y  
TI CHEMICAL MODIFICATION OF SUPEROXIDE DISMUTASE EXTENSION OF PLASMA HALF LIFE OF THE ENZYME THROUGH ITS REVERSIBLE BINDING TO THE CIRCULATING ALBUMIN.  
SO INT J PEPT PROTEIN RES, (1988) 32 (2), 153-159.  
CODEN: IJPPC3. ISSN: 0367-8377.

L7 ANSWER 154 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
AU SOLOMONSON L P; MCCREERY M J; KAY C J; BARBER M J  
TI RADIATION INACTIVATION ANALYSIS OF ASSIMILATORY NADH NITRATE REDUCTASE APPARENT FUNCTIONAL SIZES OF PARTIAL ACTIVITIES ASSOCIATED WITH INTACT AND PROTEOLYTICALLY MODIFIED ENZYME.  
SO J BIOL CHEM, (1987) 262 (18), 8934-8939.  
CODEN: JBCHA3. ISSN: 0021-9258.

L7 ANSWER 155 OF 199 MEDLINE DUPLICATE 70  
AU Walford R L; Harris S B; Weindruch R  
TI Dietary restriction and aging: historical phases, mechanisms and current directions.  
SO JOURNAL OF NUTRITION, (1987 Oct) 117 (10) 1650-4. Ref: 51  
Journal code: 0404243. ISSN: 0022-3166.

L7 ANSWER 156 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
 AU WALFORD R L; HARRIS S B; WEINDRUCH R  
 TI DIETARY RESTRICTION AND AGING HISTORICAL PHASES MECHANISMS AND CURRENT DIRECTIONS.  
 SO J NUTR, (1987) 117 (110), 1650-1654.  
 CODEN: JONUAI. ISSN: 0022-3166.

L7 ANSWER 157 OF 199 MEDLINE DUPLICATE 71  
 AU Lee K S; Roschenthaler R  
 TI Strand scissions of DNA by patulin in the presence of reducing agents and cupric ions.  
 SO JOURNAL OF ANTIBIOTICS, (1987 May) 40 (5) 692-6.  
 Journal code: 0151115. ISSN: 0021-8820.

L7 ANSWER 158 OF 199 MEDLINE DUPLICATE 72  
 AU Kiss Z; Deli E; Kuo J F  
 TI Phorbol ester inhibits phosphatidylserine synthesis in human promyelocytic leukaemia HL60 cells. Possible involvement of free radicals and correlation with phosphorylation of nuclear protein 1b.  
 SO BIOCHEMICAL JOURNAL, (1987 Dec 15) 248 (3) 649 56.  
 Journal code: 2984726R. ISSN: 0264-6021.

L7 ANSWER 159 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
 AU MUNGER C; YANOVICH S; GEWIRTZ D A  
 TI INTERACTION OF DAUNORUBICIN WITH THE H-35 RAT HEPATOMA.  
 SO SEVENTY-EIGHTH ANNUAL MEETING OF THE AMERICAN ASSOCIATION FOR CANCER RESEARCH, ATLANTA, GEORGIA, USA, MAY 20-23, 1987. PROC AM ASSOC CANCER RES ANNU MEET. (1987) 28 (0), 268.  
 CODEN: PAMREA.

L7 ANSWER 160 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
 AU MURATA A; SUENAGA H; HIDESHIMA S; TANAKA Y; KATO F  
 TI HYDROXYL RADICAL AS THE REACTIVE SPECIES IN THE INACTIVATION OF PHAGES BY ASCORBIC-ACID.  
 SO AGRIC BIOL CHEM, (1986) 50 (6), 1481-1488.  
 CODEN: ABCHA6. ISSN: 0002-1369.

L7 ANSWER 161 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
 AU WATANABE K; KASHIGE N; NAKASHIMA Y; HAYASHIDA M; SUMOTO K  
 TI DNA STRAND SCISSION BY D GLUCOSAMINE AND ITS PHOSPHATES IN PLASMID P-BR-322.  
 SO AGRIC BIOL CHEM, (1986) 50 (6), 1459-1466.  
 CODEN: ABCHA6. ISSN: 0002-1369.

L7 ANSWER 162 OF 199 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 73  
 AU Held, Kathryn D.  
 TI Role of **free radical scavengers** in radiation protection of **DNA**  
 SO Modern Aging Research (1986), 8(Free Radicals, Aging, Degener. Dis.), 527-68  
 CODEN: MARDDR; ISSN: 0275-360X

L7 ANSWER 163 OF 199 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 74  
 AU Jeon, Jeong Dong; Lee, Chung Soo; Park, Soo Soung  
 TI Roles of oxygen radicals, metal ions and reducing agents in tissue damages caused by x-ray irradiation  
 SO Chungang Uidaechi (1986), 11(3), 195-213  
 CODEN: CJMEDQ; ISSN: 0253-6250

L7 ANSWER 164 OF 199 CAPLUS COPYRIGHT 2003 ACS  
 IN Kauffman, Jim W.; Laughlin, William C.; Baldwin, Roger A.  
 TI Removal of sulfate and metals from aqueous solutions  
 SO U.S., 6 pp.

CODEN: USXXAM

L7 ANSWER 165 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
AU NANJOU S; FUJII S; TANAKA K; UEDA K; KOMANO T  
TI INDUCTION OF SINGLE STRAND SCISSION IN PHI-X-174 REPLICATIVE FORM I DNA BY  
D ISOGLUCOSAMINE.  
SO AGRIC BIOL CHEM, (1985) 49 (2), 459-466.  
CODEN: ABCHA6. ISSN: 0002-1369.

L7 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2003 ACS  
IN Denney, Jerry W.  
TI Assay method and reagent composition for the determination of magnesium  
SO U.S., 5 pp.  
CODEN: USXXAM

L7 ANSWER 167 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
AU LEWIS D A  
TI ENDOGENOUS ANTIINFLAMMATORY FACTORS.  
SO Biochem. Pharmacol., (1984) 33 (11), 1705-1714.  
CODEN: BCPCA6. ISSN: 0006-2952.

L7 ANSWER 168 OF 199 BIOSIS COPYFIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
AU BOTCHERBY P K; MAGNUS I A; MARIMO B; GIANNELLI F  
TI ACTINIC RETICULOID AN IDIOPATHIC PHOTO DERMATOSIS WITH CELLULAR  
SENSITIVITY TO NEAR UV RADIATION.  
SO PHOTOCHEM PHOTOBIO, (1984) 39 (5), 641-650.  
CODEN: PHCBAP. ISSN: 0031-8655.

L7 ANSWER 169 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
AU KENSLER T W; TRUSH M A  
TI ROLE OF OXYGEN RADICALS IN TUMOR PROMOTION.  
SO Environ. Mutagen., (1984) 6 (4), 593-616.  
CODEN: ENMUDM. ISSN: 0192-2521.

L7 ANSWER 170 OF 199 MEDLINE DUPLICATE 75  
AU Lovstad R A  
TI Catecholamine stimulation of copper dependent haemolysis: protective  
action of **superoxide** dismutase, catalase, hydroxyl radical  
**scavengers** and serum **proteins** (ceruloplasmin, albumin  
and apotransferrin).  
SO ACTA PHARMACOLOGICA ET TOXICOLOGICA, (1984 May) 54 (5) 340-5.  
Journal code: 0370572. ISSN: 0001-6683.

L7 ANSWER 171 OF 199 MEDLINE  
AU Eizirik D L; Migliorini R H  
TI New trends in diabetes research: the search for an etiologically oriented  
treatment for type I diabetes mellitus.  
SO BRAZILIAN JOURNAL OF MEDICAL AND BIOLOGICAL RESEARCH, (1983 Dec) 16 (4)  
381-3.  
Journal code: 8112917. ISSN: 0100-879X.

L7 ANSWER 172 OF 199 CAPLUS COPYRIGHT 2003 ACS  
AU Ricchelli, Fernanda; Rossi, Eliana; Salvato, Benedetto; Jori, Giulio;  
Bannister, Joe V.; Bannister, William H.  
TI Fluorescence studies on copper/zinc superoxide dismutase from bovine  
erythrocytes  
SO Oxy Radicals Their Scavenger Syst., Proc. Int. Conf. Superoxide Superoxide  
Dismutase, 3rd (1983), Meeting Date 1982, Volume 1, 320-3. Editor(s):  
Cohen, Gerald; Greenwald, Robert A. Publisher: Elsevier, New York, N. Y.  
CODEN: 50LBAN

L7 ANSWER 173 OF 199 SCISEARCH COPYRIGHT 2003 THOMSON ISI  
AU WOZNIAC A J (Reprint); HANDE K R; ROSS W E  
TI **FREE-RADICAL SCAVENGERS** INHIBIT VP-16

INDUCED **DNA** DAMAGE AND CYTO-TOXICITY  
SO PROCEEDINGS OF THE AMERICAN ASSOCIATION OF CANCER RESEARCH, (1983) Vol.  
24, No. MAR, pp. 319.

L7 ANSWER 174 OF 199 CAPLUS COPYRIGHT 2003 ACS  
AU Burk, Raymond F.  
TI Glutathione-dependent protection by rat liver microsomal protein against  
lipid peroxidation  
SO Biochimica et Biophysica Acta (1983), 757(1), 21-8  
CODEN: BBACAQ; ISSN: 0006-3002

L7 ANSWER 175 OF 199 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 76  
AU Morita, Junji; Komano, Tohru  
TI Induction of strand break in DNA by reducing sugar phosphates  
SO Agricultural and Biological Chemistry (1983), 47(1), 11-18  
CODEN: ABCHA6; ISSN: 0002-1369

L7 ANSWER 176 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
AU GUTTERIDGE J M C; HALLIWELL B  
TI THE ROLE OF SUPER OXIDE AND HYDROXYL RADICALS IN THE DEGRADATION OF DNA  
AND DEOXY RIBOSE INDUCED BY A COPPER PHENANTHROLINE COMPLEX.  
SO BIOCHEM PHARMACOL, (1982) 31 (17), 2801-2806.  
CODEN: BCPCA6. ISSN: 0006-2952.

L7 ANSWER 177 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
AU NISHIDA K-I; TAKAGI M; YANO K  
TI ESCHERICHIA-COLI CELL INACTIVATION BY SUPER OXIDE ANION AND HYDROGEN PER  
OXIDE.  
SO J GEN APPL MICROBIOL, (1981 (RECD 1982)) 27 (6), 477-486.  
CODEN: JGAMA9. ISSN: 0022-1260.

L7 ANSWER 178 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
AU APELBAUM A; BURGOON A C; ANDERSON J D; SOLOMOS T; LIEBERMAN M  
TI SOME CHARACTERISTICS OF THE SYSTEM CONVERTING 1 AMINO CYCLO  
PROPANE-1-CARBOXYLIC-ACID TO ETHYLENE.  
SO PLANT PHYSIOL (BETHESDA), (1981) 67 (1), 80-84.  
CODEN: PLPHAY. ISSN: 0032-0889.

L7 ANSWER 179 OF 199 MEDLINE DUPLICATE 77  
AU Feldberg R S; Carew J A  
TI Water radiolysis products and nucleotide damage in gamma-irradiated DNA.  
SO INTERNATIONAL JOURNAL OF RADIATION BIOLOGY AND RELATED STUDIES IN PHYSICS,  
CHEMISTRY AND MEDICINE, (1981 Jul) 40 (1) 11-7.  
Journal code: 0374725. ISSN: 0020-7616.

L7 ANSWER 180 OF 199 CAPLUS COPYRIGHT 2003 ACS  
IN Saida, Eiichi; Hayatsu, Kazuo  
TI Purification of heavy metal-contaminated rice  
SO Jpn. Tokkyo Koho, 3 pp.  
CODEN: JAXXAD

L7 ANSWER 181 OF 199 CAPLUS COPYRIGHT 2003 ACS  
IN Yamaguchi, Michio; Suzuki, Kazumasa  
TI Heavy metal-binding proteins  
SO Jpn. Kokai Tokkyo Koho, 3 pp.  
CODEN: JKXXAF

L7 ANSWER 182 OF 199 MEDLINE DUPLICATE 78  
AU Lengfelder E  
TI On the action of diethyldithiocarbamate as inhibitor of copper-zinc  
superoxide dismutase.  
SO ZEITSCHRIFT FUR NATURFORSCHUNG. SECTION C. BIOSCIENCES, (1979 Dec) 34 (12)  
1292-4.  
Journal code: 7801143. ISSN: 0341-0382.

L7 ANSWER 183 OF 199 CAPLUS COPYRIGHT 2003 ACS  
 IN Itabashi, Osamu; Goto, Tomio; Izumi, Gaku  
 TI **Removal of heavy metal ions with soluble protein**  
 SO Jpn. Kokai Tokkyo Koho, 3 pp.  
 CODEN: JKXXAF

L7 ANSWER 184 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
 AU MUDD J A; SWANSON R E  
 TI IN-SITU CROSS LINKING OF VESICULAR STOMATITIS VIRUS PROTEINS WITH REVERSIBLE AGENTS.  
 SO VIROLOGY, (1978) 88 (2), 263-280.  
 CODEN: VIPLAX. ISSN: 0042-6822.

L7 ANSWER 185 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
 AU NACHTOMI E; SARMA D S R  
 TI REPAIR OF RAT LIVER DNA IN-VIVO DAMAGED BY ETHYLENE DI BROMIDE.  
 SO BIOCHEM PHARMACOL, (1977) 26 (20), 1941-1946.  
 CODEN: BCPCA6. ISSN: 0006-2952.

L7 ANSWER 186 OF 199 CAPLUS COPYRIGHT 2003 ACS  
 IN Kuzumoto, Hideshi; Ukai, Tetsuo; Numata, Katsuhisa  
 TI Production of ultrafiltration membrane  
 SO Jpn. Kokai Tokkyo Koho, 5 pp.  
 CODEN: JKXXAF

L7 ANSWER 187 OF 199 CAPLUS COPYRIGHT 2003 ACS  
 IN Kusunoki, Yasuo; Nakano, Fumiko; Koishi, Hidehiko  
 TI Granular adsorbents for treatment of waste waters and waste gases  
 SO Jpn. Kokai Tokkyo Koho, 4 pp.  
 CODEN: JKXXAF

L7 ANSWER 188 OF 199 CAPLUS COPYRIGHT 2003 ACS  
 IN Terajima, Kazuku; Tomita, Shigeru; Matsuda, Yoshindo; Abe, Keiji  
 TI Adsorbent containing nitrohumic acid  
 SO Ger. Offen., 19 pp.  
 CODEN: GWXXBX

L7 ANSWER 189 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
 AU VAN HEMMEN J J; MEULING W J A  
 TI INACTIVATION OF BIOLOGICALLY ACTIVE DNA BY GAMMA-RAY INDUCED SUPER OXIDE RADICALS AND THEIR DIS MUTATION PRODUCTS SINGLET MOLECULAR OXYGEN AND HYDROGEN PER OXIDE.  
 SO BIOCHIM BIOPHYS ACTA, (1975) 402 (2), 133-141.  
 CODEN: BBACAQ. ISSN: 0006-3002.

L7 ANSWER 190 OF 199 CAPLUS COPYRIGHT 2003 ACS  
 AU Sugiura, Yukio; Tanaka, Hisashi  
 TI Interaction of chelating agents with mercury-203, cadmium-115m, and zinc-65 bound to protein  
 SO Radioisotopes (1970), 19(1), 7-12  
 CODEN: RAISAB; ISSN: 0033-8303

L7 ANSWER 191 OF 199 CAPLUS COPYRIGHT 2003 ACS  
 AU Kirschner, Kasper; Voigt, Brigitte  
 TI Criteria for the purity of the crystallizable isoenzyme of D-glyceraldehyde-3-phosphate dehydrogenase from bakers' yeast  
 SO Hoppe-Seyler's Zeitschrift fuer Physiologische Chemie (1968), 349(5), 632-44  
 CODEN: HSZPAZ; ISSN: 0018-4888

L7 ANSWER 192 OF 199 CAPLUS COPYRIGHT 2003 ACS  
 AU Bongyik, Arpad

TI Effect of clarifying agents and handling on the stability of the Italian riesling from Badacsony  
 SO Borgazdasag (1967), 15(1), 22-9  
 CODEN: BORGBB; ISSN: 0006-7741

L7 ANSWER 193 OF 199 CAPLUS COPYRIGHT 2003 ACS  
 AU Greweling, Thomas; Davison, K. L.; Morris, Clayton J.  
 TI Determination of nitrate nitrogen in bovine blood, milk, urine, and rumen liquor  
 SO J. Agr. Food Chem. (1964), 12(2), 139-40

L7 ANSWER 194 OF 199 CAPLUS COPYRIGHT 2003 ACS  
 AU Kudryashov, B. A.; Andreenko, G. V.; Egorov, N. S.; Strukova, S. M.; Landau, N. S.  
 TI Fibrinolytic agents isolated from cultures of some saprophytic fungi  
 SO Dokl. Akad. Nauk SSSR (1963), 153(4), 939-42

L7 ANSWER 195 OF 199 CAPLUS COPYRIGHT 2003 ACS  
 AU Zuman, P.; Zumanova, R.  
 TI Polarographic study of the reaction of 2,3-dimercapto-1-propanol (BAL) with heavy metals and various oxidants  
 SO Tetrahedron (1957), 1, 298-300

L7 ANSWER 196 OF 199 CAPLUS COPYRIGHT 2003 ACS  
 AU Wegner, Hans; Osthege, Anton  
 TI Purification of starch hydrolyzates by synthetic resins  
 SO Die Starke (1954), 6, 44-52

L7 ANSWER 197 OF 199 CAPLUS COPYRIGHT 2003 ACS  
 AU Ritter, U.  
 TI 2,3-Dimercapto-1-propanol, a new specific for the treatment of heavy metal poisonings  
 SO Chem. Tech. (Berlin) (1953), 5, 374-5

L7 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2003 ACS  
 AU Kehoe, R. A.  
 TI The activation of an enzyme poisoned by heavy metal salts  
 SO J. Lab. Clin. Med. (1922), 7, 736-42

L7 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2003 ACS  
 AU Heard, W. Nevill  
 TI The Reaction between Metallic Salts and the Soluble Carbonates and its Bearing upon the Precipitation of Protein  
 SO J. Physiol. (1913), 46, 104-28

=> d ab 173 17

L7 ANSWER 173 OF 199 SCISEARCH COPYRIGHT 2003 THOMSON ISI

=> d ab 162 17

L7 ANSWER 162 OF 199 CAPLUS COPYRIGHT 2003 ACS      DUPLICATE 73  
 AB A review with 125 refs. of the title subject in relation to aging.

=> d 100-149 au ti so 17

L7 ANSWER 100 OF 199 CAPLUS COPYRIGHT 2003 ACS  
 AU Cerrati, A.; Bonfioli, C.; Dacco, R.; Keble, M.; Motta, F.; Vota, M.  
 TI Protection exerted by antiprotease substances against toxic effects of antitumor chemotherapeutics  
 SO Current Toxicology and Therapy (1996), 4, 25-31

- L7 ANSWER 101 OF 199 CAPLUS COPYRIGHT 2003 ACS  
IN Saito, Hidenao; Fujita, Masao  
TI Immobilized tannin for **removal** of contaminated **protein**  
and **heavy metal**  
SO Jpn. Kokai Tokkyo Koho, 6 pp.  
CODEN: JKXXAF
- L7 ANSWER 102 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
DUPLICATE 45  
AU Mark, Robert J.; Hensley, Kenneth; Butterfield, D. Allan; Mattson, Mark P.  
(1)  
TI Amyloid beta-peptide impairs ion-motive ATPase activities: Evidence for a  
role in loss of neuronal Ca-2+ homeostasis and cell death.  
SO Journal of Neuroscience, (1995) Vol. 15, No. 9, pp. 6239-6249.  
ISSN: 0270-6474.
- L7 ANSWER 103 OF 199 MEDLINE DUPLICATE 46  
AU Weis M; Schlegel J; Kass G E; Holmstrom T H; Peters I; Eriksson J;  
Orrenius S; Chow S C  
TI Cellular events in Fas/APO-1-mediated apoptosis in JURKAT T lymphocytes.  
SO EXPERIMENTAL CELL RESEARCH, (1995 Aug) 219 (2) 699-708.  
Journal code: 0373226. ISSN: 0014-4827.
- L7 ANSWER 104 OF 199 MEDLINE DUPLICATE 47  
AU Behl C; Rupprecht R; Skutella T; Holsboer F  
TI Haloperidol-induced cell death--mechanism and protection with vitamin E in  
vitro.  
SO NEUROREPORT, (1995 Dec 29) 7 (1) 360-4.  
Journal code: 9100935. ISSN: 0959-4965.
- L7 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2003 ACS  
AU Tie, Jianke; Li, Lingyuan; Ru, Binggen; Ci, Yunxiang  
TI Free radical scavenging and DNA damage protection by metallothionein  
SO Shengwu Wuli Xuebao (1995), 11(2), 276-82  
CODEN: SWXUEN; ISSN: 1000-6737
- L7 ANSWER 106 OF 199 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
DUPLICATE 48  
AU Ono, Tetsuyoshi; Negishi, Kazuo; Hayatsu, Hikoya (1)  
TI Spectra of superoxide-induced mutations in the lacI gene of a wild-type  
and a mutM strain of Escherichia coli K-12.  
SO Mutation Research, (1995) Vol. 326, No. 2, pp. 175-183.  
ISSN: 0027-5107.
- L7 ANSWER 107 OF 199 MEDLINE DUPLICATE 49  
AU Shi X; Mao Y; Ahmed N; Jiang H  
TI HPLC investigation on Ni(II)-mediated DNA damage in the presence of  
t-butyl hydroperoxide and glutathione.  
SO JOURNAL OF INORGANIC BIOCHEMISTRY, (1995 Feb) 57 (2) 91-102.  
Journal code: 7905788. ISSN: 0162-0134.
- L7 ANSWER 108 OF 199 MEDLINE DUPLICATE 50  
AU Fester T; Schuster W  
TI Potato mitochondrial manganese superoxide dismutase is an RNA-binding  
protein.  
SO BIOCHEMISTRY AND MOLECULAR BIOLOGY INTERNATIONAL, (1995 May) 36 (1) 67-75.  
Journal code: 9306673. ISSN: 1039-9712.
- L7 ANSWER 109 OF 199 CAPLUS COPYRIGHT 2003 ACS  
IN Cubbage, Michael Lee; Ju, Shyh Chen; Bresser, Joel; Jurtshuk, Rebecca  
TI Free radical scavengers useful for reducing autofluorescence in fixed  
cells

SO PCT Int. Appl., 28 pp.  
CODEN: PIXXD2

L7 ANSWER 110 OF 199 MEDLINE DUPLICATE 51  
AU Miyao M  
TI Involvement of active oxygen species in degradation of the D1 protein  
under strong illumination in isolated subcomplexes of photosystem II.  
SO BIOCHEMISTRY, (1994 Aug 16) 33 (32) 9722-30.  
Journal code: 0370623. ISSN: 0006-2960.

L7 ANSWER 111 OF 199 CAPLUS COPYRIGHT 2003 ACS  
AU Fischer-Nielsen, Anne; Jeding, Inge Boegh; Loft, Steffen  
TI Radiation-induced formation of 8-hydroxy-2'-deoxyguanosine and its  
prevention by scavengers  
SO Carcinogenesis (1994), 15(8), 1609-12  
CODEN: CRNGDP; ISSN: 0143-3334

L7 ANSWER 112 OF 199 MEDLINE DUPLICATE 52  
AU Suarez-Pinzon W L; Strynadka K; Schulz R; Rabinovitch A  
TI Mechanisms of cytokine-induced destruction of rat insulinoma cells: the  
role of nitric oxide.  
SO ENDOCRINOLOGY, (1994 Mar) 134 (3) 1006-10.  
Journal code: 0375040. ISSN: 0013-7227.

L7 ANSWER 113 OF 199 MEDLINE DUPLICATE 53  
AU Gao F M; Jiang H Y; Yu L; Li X L; Wang W H; Duan Y B; Zhou H N  
TI Studies on mechanisms and blockade of carcinogenic action of female sex  
hormones.  
SO SCIENCE IN CHINA. SERIES B, CHEMISTRY, LIFE SCIENCES AND EARTH SCIENCES,  
(1994 Apr) 37 (4) 418-29.  
Journal code: 8913082. ISSN: 1001-652X.

L7 ANSWER 114 OF 199 CAPLUS COPYRIGHT 2003 ACS  
AU Reiter, Russel J.; Tan, Dun-xian; Poeggeler, Burkhard; Chen, Li-dun;  
Menendez-Pelaez, Armando  
TI Melatonin, free radicals and cancer initiation  
SO Advances in Pineal Research (1994), 7, 211-28  
CODEN: APIREW; ISSN: 0269-0071

L7 ANSWER 115 OF 199 MEDLINE DUPLICATE 54  
AU Runge-Morris M; Wu N; Novak R F  
TI Hydrazine-mediated DNA damage: role of hemoprotein, electron transport,  
and organic free radicals.  
SO TOXICOLOGY AND APPLIED PHARMACOLOGY, (1994 Mar) 125 (1) 123-32.  
Journal code: 0416575. ISSN: 0041-008X.

L7 ANSWER 116 OF 199 MEDLINE DUPLICATE 55  
AU Larsen C J  
TI [The BCL2 gene, prototype of a gene family that controls programmed cell  
death (apoptosis)].  
Le gene BCL2, chef de file d'une famille de genes controlant la mort  
cellulaire programmee (apoptose).  
SO ANNALES DE GENETIQUE, (1994) 37 (3) 121-34. Ref: 99  
Journal code: 0370562. ISSN: 0003-3995.

L7 ANSWER 117 OF 199 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 56  
AU Erdem, Gunhan; Oner, Cihan; Onal, Ahmet M.; Kisakurek, Duygu; Ogus, Ay  
TI Free radical mediated interaction of ascorbic acid and ascorbate/Cu(II)  
with viral and plasmid DNAs  
SO Journal of Biosciences (Bangalore, India) (1994), 19(1), 9-17  
CODEN: JOBSDN; ISSN: 0250-5991

L7 ANSWER 118 OF 199 MEDLINE DUPLICATE 57  
AU Schaechter J D; Benowitz L I



TI Activation of protein kinase C by arachidonic acid selectively enhances  
 the phosphorylation of GAP-43 in nerve terminal membranes.  
 SO JOURNAL OF NEUROSCIENCE, (1993 Oct) 13 (10) 4361-71.  
 Journal code: 8102140. ISSN: 0270-6474.

L7 ANSWER 119 OF 199 CAPLUS COPYRIGHT 2003 ACS  
 AU Adamska, Iwona; Kloppstech, Klaus  
 TI The effect of free radical enhancers and scavengers on accumulation of  
 early light-inducible protein during light stress  
 SO Zeitschrift fuer Naturforschung, C: Journal of Biosciences (1993),  
 48(3-4), 391-6  
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L7 ANSWER 134 OF 199 CAPLUS COPYRIGHT 2003 ACS  
AB Reactivation of herpes simplex virus (HSV) was assumed to be dependent on  
prostaglandin synthesis. Since free radicals are generated in the course  
of prostaglandin synthesis and inhibitors of prostaglandin synthesis are  
free radical scavengers, the question arose whether free radicals are most  
important in viral reactivation. Therefore, the influence of five  
different inhibitors of prostaglandin synthesis was compared with the  
activity of two combinations of classical radical scavengers. Since the  
efficiency of both groups of compds. was similar, the role of free  
radicals in viral reactivation was strongly assumed, whereas the role of  
prostaglandins has to be revisited. All drugs tested were effective in  
the early phase after explantation of the latently infected ganglia and  
could be omitted in the later stages of co-cultivation. As free radicals  
are suspected of activating nuclear factors, it was of interest to confirm  
the enhancement of HSV reactivation by DNA hypomethylating drugs.  
5-Azacytidine proved to be more effective than dimethylsulfoxide (DMSO).  
The effect of combinations of DMSO with inhibitors of prostaglandin  
synthesis was dependent on the mode of action of the inhibitors.